

Patent Abstracts of Japan

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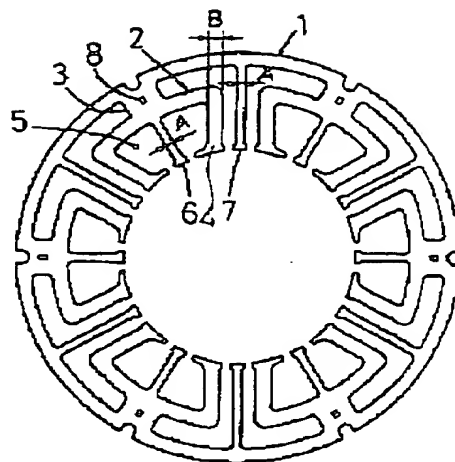
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TITLE : STATOR OF INDUCTION MOTOR



**ABSTRACT :** PROBLEM TO BE SOLVED: To provide the stator of an induction motor which enlarges the sectional area of the winding slot without enlarging the outside diameter and besides without dropping electric property.

**SOLUTION:** This stator is equipped with a stacked stator iron core which has peripheral yokes 1 and a plurality of toothlike projecting pieces 2 extended inward, and the tooth-shaped projecting pieces 2 of which comprise the bases 3 of teeth whereon outer windings are wound and teeth 4 which are extended to both sides in the circumferential direction of the inner winding pitches from these bases 3 of teeth and besides both the tips of which are extended inward and whereon inner windings are wound, and in which middle teeth 6 and 7 are projected, respectively, between the teeth 4 and 4 and between the bases 3 and 3 of the teeth, and besides the widths A of the middle teeth are made three-tenths to nine-tenths as large as the width B of the teeth 4.

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